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AN 122:292994 CA  
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TI Manufacture of uniform foams with high expansion ratio  
IN Takagi, Osamu  
PA ~~Sekisui Chemical Co. Ltd., Japan~~  
SO Jpn. Kokai Tokkyo Koho, 8 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
IC ICM C08J009-12  
ICI C08L001-00  
CC 38-3 (Plastics Fabrication and Uses)  
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07041592	A2	19950210	JP 1993-189768	19930730
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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 07041592	ICM	C08J009-12
	ICI	C08L001-00

AB The title foams are prepd. by impregnating inorg. gas (e.g., CO2) under high temp. and pressure into compns. from **cellulose fiber** (e.g., waste newsprint) 100, binders (e.g., starch) 10-100, water 100-1000, and **surfactants** (e.g., ammonium lauryl sulfate) 0.1-20 parts.

ST **cellulose fiber** foam carbon dioxide; starch binder  
**cellulose fiber** foam

IT Porous materials and Cellular materials  
Pulp, cellulose

Foam can be used as a building  
material